

A NEW NAME FOR A BRAZILIAN *SENNA* (LEGUMINOSAE: CAESALPINIOIDEAE)J. H. Wiersema¹

The name *Senna australis* Irwin & Barneby is superfluous. As originally published by Irwin and Barneby (1982: 235), this name was based on *Cassia australis* Vellozo, with the (then prevailing) assumption that Vellozo's *Florae fluminensis* was published in 1825. They overlooked an article by Carauta (1973) indicating that, although it was printed in 1825, Vellozo's work was not distributed until 1829, a view upheld by Stafleu and Cowan (1986: 698). However, during this four year period, another *Cassia australis* was published for an Australian taxon by Sims (1826: t. 2676) in August of 1826. In a treatment of Australian *Cassia* (sensu lato) by Symon (1966: 102), *C. australis* Sims was dismissed as a later homonym of *C. australis* Vellozo in favor of *C. odorata* Morris, which was published in September of 1826. If one chooses to treat the Australian *Cassia* in the manner of Symon, *C. australis* Sims cannot be considered a later homonym and must be adopted in lieu of *C. odorata* Morris, over which it has priority. According to the stricter definition of *Cassia* adopted by Irwin and Barneby (1982), this Australian taxon is actually a member of *Senna* section *Psilorhagma* (Barneby, in litt.). A barrier, namely *Senna australis* Irwin & Barneby, now exists to the transfer of *Cassia australis* Sims to *Senna*. No name for this taxon in *Senna* is proposed here, this decision being best left to those working on the Australian Cassiinae.

The Brazilian *C. australis* Vellozo must now be considered the later homonym and is therefore illegitimate. This leaves *Senna australis* Irwin & Barneby without a legitimate basionym, thus its priority dates from 1982 rather than the previously supposed 1825. Furthermore, *Senna australis* must now be viewed as a nomen superfluum, since *Cassia appendiculata* Vogel was included in the synonymy, a name with priority that should have been adopted. Rupert Barneby graciously reviewed the evidence presented above and urged that I publish the following combination to correct this situation:

***Senna appendiculata* (Vogel) Wiersema, comb. nov.**

Cassia appendiculata Vogel, *Gen. Cass. syn.* 24. 1837; *Linnaea* 11: 670. 1837.

Cassia australis Vellozo, *Fl. flumin.* 166. 1829, non Sims, 1826.

Senna australis Irwin & Barneby, *Mem. New York Bot. Gard.* 35: 235. 1982, nom. superfl.

Literature Cited

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